

ORGANIZATION, MISSIONS, AND FUNCTIONS MANUAL

UNITED STATES ARMY SPACE COMMAND  
1670 North Newport Road  
Colorado Springs, Colorado

\*\*\*\*\*  
\* THIS O&FM IS NOT AN APPROVED DOCUMENT. \*  
\* IT HAS BEEN PROVIDED FOR INFORMATIONAL \*  
\* PURPOSES ONLY. \*  
\*\*\*\*\*

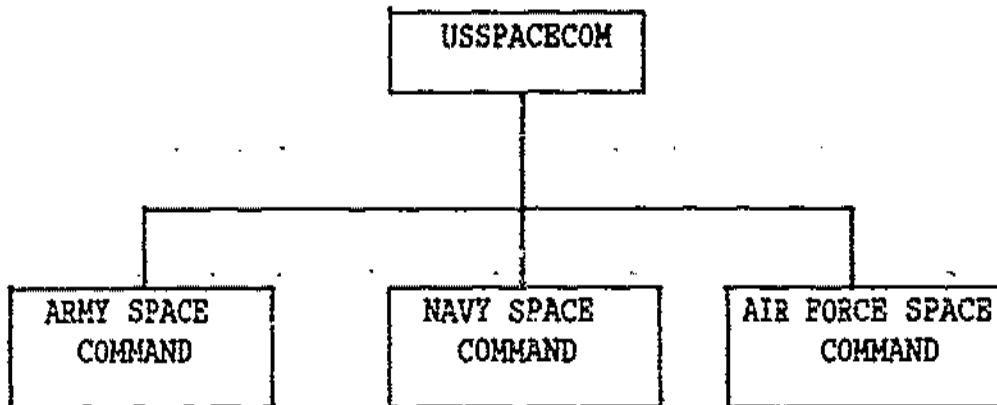
DATE: 11 December 1990

# TABLE OF CONTENTS

	Page
CHAPTER 1. U.S. Army Space Command	1
Command Missions	1
Command Relationships	4
Organizational Structure	4
Glossary of Terms	4
CHAPTER 2. Office of the Commander	6
CHAPTER 3. Deputy Commander for Support	8
Section 1. Administrative Executive Officer	8
Section 2. Scientific Advisor	8
Section 3. Director of Contracting	8
Section 4. Command Engineer	9
Section 5. Director of Resources	11
Resource Management Division	11
Programs/Budgeting Branch	11
Force Development and Management Branch	13
Personnel and Administration Division	14
Logistics Division	15
Logistics Management Branch	15
Supply and Maintenance Branch	16
Section 6. Director of Information Management	17
CHAPTER 4. Deputy Commander for Operations	20
Section 1. Director of Operations, Intelligence and Security	20
Operations Division	20
Operations Branch	20
Training Branch	20
Intelligence and Security Division	22
Intelligence Branch	22
Counterintelligence/Special Security Branch	23
Security Branch	25
Section 2. Director of Military Satellite Communications Control	25
MILSATCOM Control Division	25
USARSPACE-Pacific	26
USARSPACE-Europe	28
USARSPACE-CONUS	28
Falcon Division	28
Section 3. Director of Plans	28
BMD Division	28
ASAT Division	29
Integration/Support Division	29
CHAPTER 5. Glossary of Terms	31

Chapter 1. US Army Space Command

Mission of US Army Space Command (USARSPACE). USARSPACE is the Army Component Command of US Space Command (USSPACECOM) and provides the Commander-in-Chief US Space Command (USCINCSpace) a chain of command to the Defense Satellite Communications System Operations Centers and Regional Space Support Centers.



The command provides USSPACECOM an Army perspective in planning for DoD space systems support to land forces and strategic defense operations; ensures integration of Army requirements and policies; responds to USCINCSpace directed taskings; commands assigned forces; and conducts planning for DoD space operations in support of Army strategic, operational, and tactical missions.

Command Missions. The mission of USARSPACE is as follows:

a. Support USCINCSpace as the Army component command:

(1) Falcon Detachment: The detachment performs satellite control activities at Falcon Air Force Base, Colorado Springs, Colorado. Assigned Army personnel conduct payload and platform control, initial on-orbit checkout, anomaly resolution operations for GPS satellites, and operational control functions for the Defense Satellite Communications System (DSCS) III. The detachment also operates the DSCS Certification Facility (DCF) which provides follow-on training and certification of operators and maintainers of mission specific DSCS Operations Control System (DOCS) equipment.

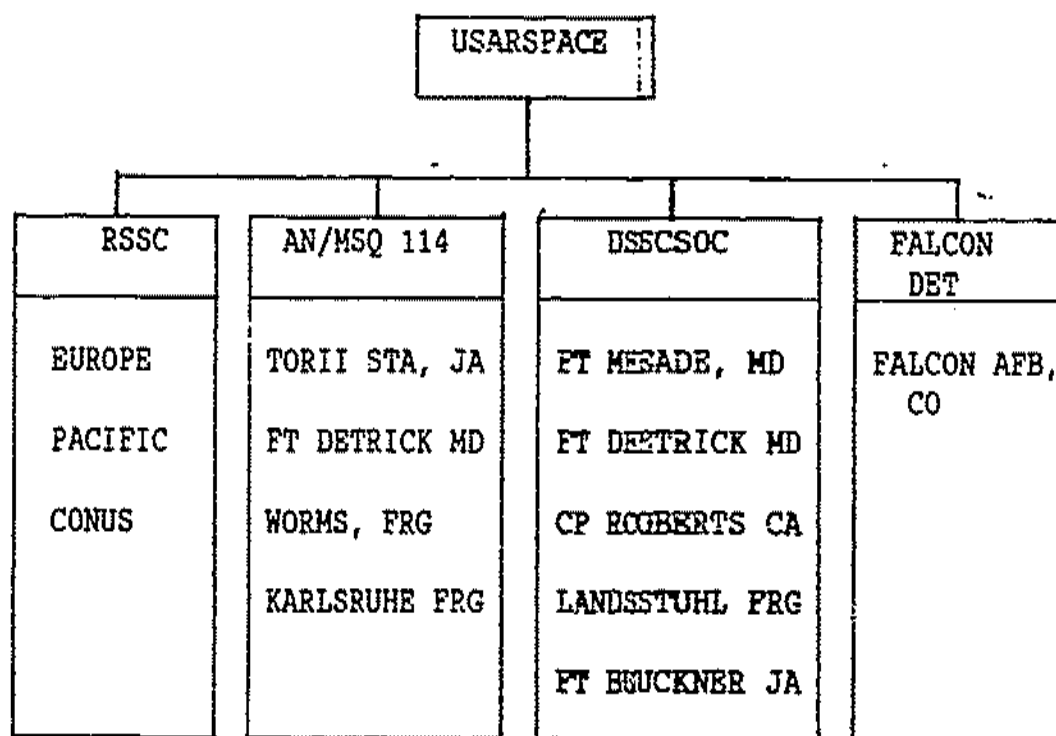
(2) US Army Kwajalein Atoll Complex (USAKA): The complex consists of two primary and two backup radars

providing contributing sensor information for the Space Surveillance Network (SSN) and support USCINCSpace's space control mission. USARSPACE plans, budgets, and coordinates their use for USSPACECOM.

(3) National Aeronautics and Space Administration (NASA) Johnson Space Center Detachment: USARSPACE provides flight crews for the manned space program, engineering expertise for human interface, and Army focus for space operations and requirements to enhance the Army's ability to execute AirLand Battle Doctrine using manned space capabilities.

b. Command the Defense Satellite Communications System (DSCS) Operations Centers (DSCSOCs) and manage joint tactical use:

(1) USARSPACE has operations and maintenance (O&M) responsibilities for all DSCSOCs. The DSCS is a high-capacity super-high frequency (SHF) satellite subsystem of the Defense Communications System (DCS) designed to provide worldwide secure voice and high data rate communications. Payload control of Phase II satellites and payload and platform control of Phase III structure are shown below.



(2) AN/MSQ-114 Satellite Control Terminals: USARSPACE has O&M for all AN/MSQ-114 satellite control terminals. The AN/MSQ-114 is a mobile system that controls the Ground Mobile Forces (GMF) tactical terminal access to the DSCS. Locations are shown above.

# U. S. ARMY SPACE COMMAND

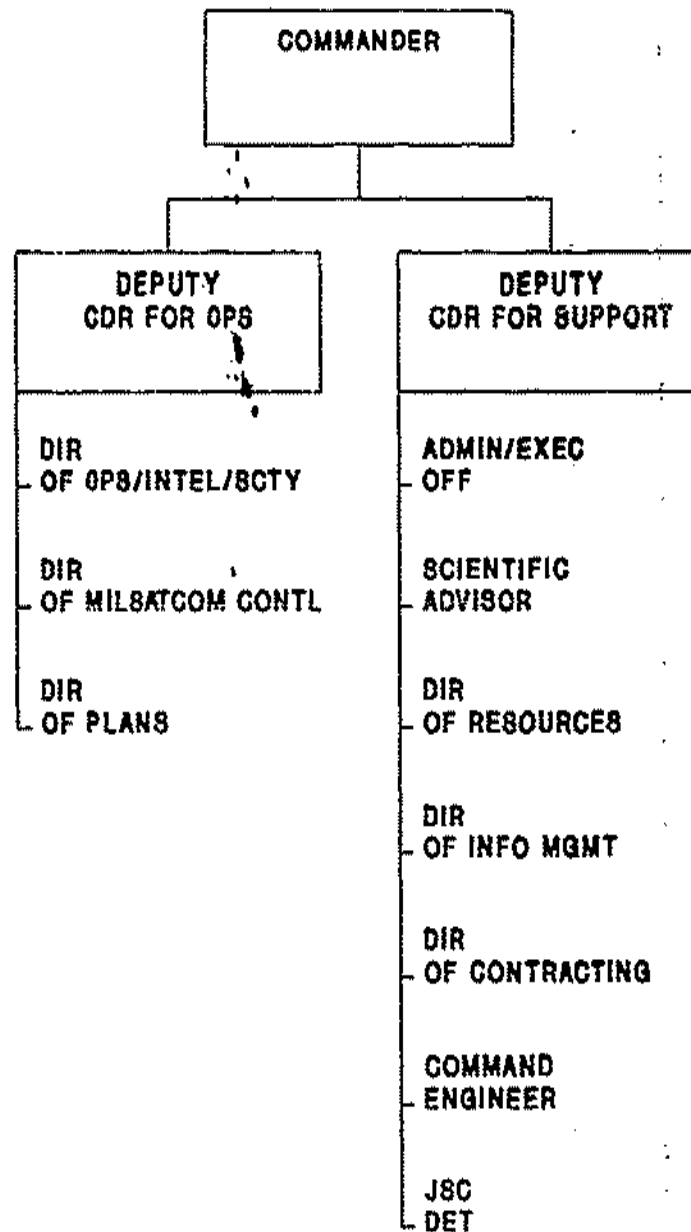


Figure 1

(3) Regional Space Support Centers (RSSCs): USARSPACE GMF Satellite Communications (GMFSC) Managers, shown above, provide DSCS planning cells in the RSSCs collocated with the Defense Communications Agency (DCA) Operations Centers (OCs). GMFSC managers support tactical satellite terminals of all services and provide support critical to the efficient operations of Unified and Specified (U&S) CINCs during wartime. The RSSC provides a single chain-of-command from the Joint Chiefs of Staff (JCS) to the operational forces.

c. Conduct planning for fielding and operation of Strategic Defense System (SDS) elements and anti-satellite (ASAT) weapons should the US decide to deploy them. Develops deployment concepts of operations and supporting command and control (C2) architectures for the ground based elements of the SDS Ballistic Missile Defense (BMD) Phase I and Kinetic Energy/Directed Energy (KE/DE) ASAT weapons systems. Develops and conducts simulations to test, validate and demonstrate the effectiveness of operational concepts and architectures.

d. Assure access to and use of space capabilities to enhance accomplishment of AirLand Battle and AirLand Battle-Future Doctrine: USARSPACE provides user representation to and active participation in research and development activities to exploit and define the full spectrum of space support in position navigation, communications, reconnaissance, weather, and terrain sensing satellites.

Command Relationships. USARSPACE functions as a component command within the following command relationships:

a. USCINCSpace exercises operational control and combatant authority over USARSPACE.

b. Director, Space and Special Weapons, Deputy Chief of Staff for Plans and Operations, Headquarters, Department of the Army, exercises Army Staff (ARSTAF) level supervision over USARSPACE and provides Army-level policy and guidance.

c. In the execution of its assigned mission, USARSPACE is authorized direct contact with other MACOMs, materiel developers, and combat developers.

Organizational Structure. To perform its assigned missions, USARSPACE is organized as depicted in Figure 1.

Glossary of Terms. See Chapter 5.

OFFICE OF THE COMMANDER  
(COMARSPACE)

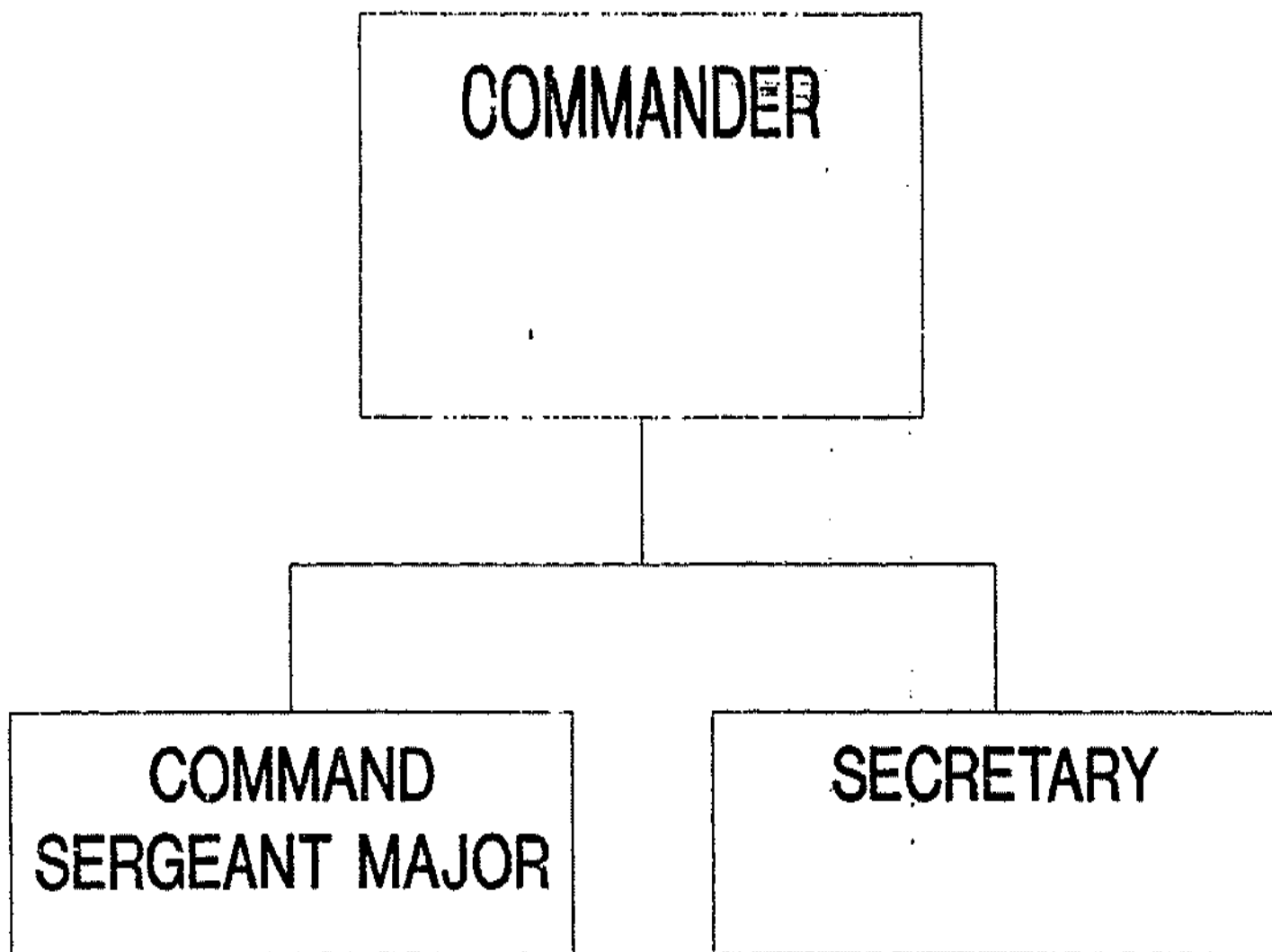


Figure 2

## Chapter 2. Office of the Commander (COMARSPACE)

The mission of the Office of the Commander is to provide command, control, and direction of the US Army component to US Space Command. As such, the commander is responsible for CINCSpace operational tasks, including long-range planning, architecture and analysis of space system capabilities; plans for Army space programs to support Army AirLand Battle and AirLand Battle-Future doctrine; and supervision of Joint satellite operations and NASA Army space programs. The Office of the Commander is shown in Figure 2. The commander is assisted by two deputy commanders to provide advice and council in their respective areas of expertise and to facilitate the rapid dissemination of information within and from the command.

**Administrative Staff.** The Commander utilizes a direct administrative staff consisting of a secretary and the Command Sergeant Major, plus is provided special staff support by members under the Deputy Commander for Support. The Command Sergeant Major is charged with duties as outlined in AR 611-201 and is the personal representative to the Commander for matters dealing with the health, welfare, and morale of assigned enlisted personnel world wide, including:

- a. Executes established policies and standards pertaining to performance, care, conduct, appearance, personnel management, and training of enlisted personnel.
- b. Provides advice and makes recommendations to the commander and staff on all matters pertaining to enlisted personnel and their families.
- c. When required at both Fort Carson, CO, and Peterson AFB, CO, sits as member of special boards representing the interests, health, welfare, or morale of assigned enlisted personnel.
- d. Insures that newly assigned enlisted personnel are instructed in military courtesy, customs of the service, and command regulations/policies.
- e. Provides counsel and guidance to NCOs and other enlisted personnel in the command.
- f. Sits as president or member of command promotion boards for NCOs, as authorized by regulation.
- g. Assists in inspection of command activities, facilities and personnel as prescribed by the commander. This includes on-site visits to CONUS and OCONUS units as the senior NCO for the command.



# DEPUTY COMMANDER FOR SUPPORT (CHIEF OF STAFF)

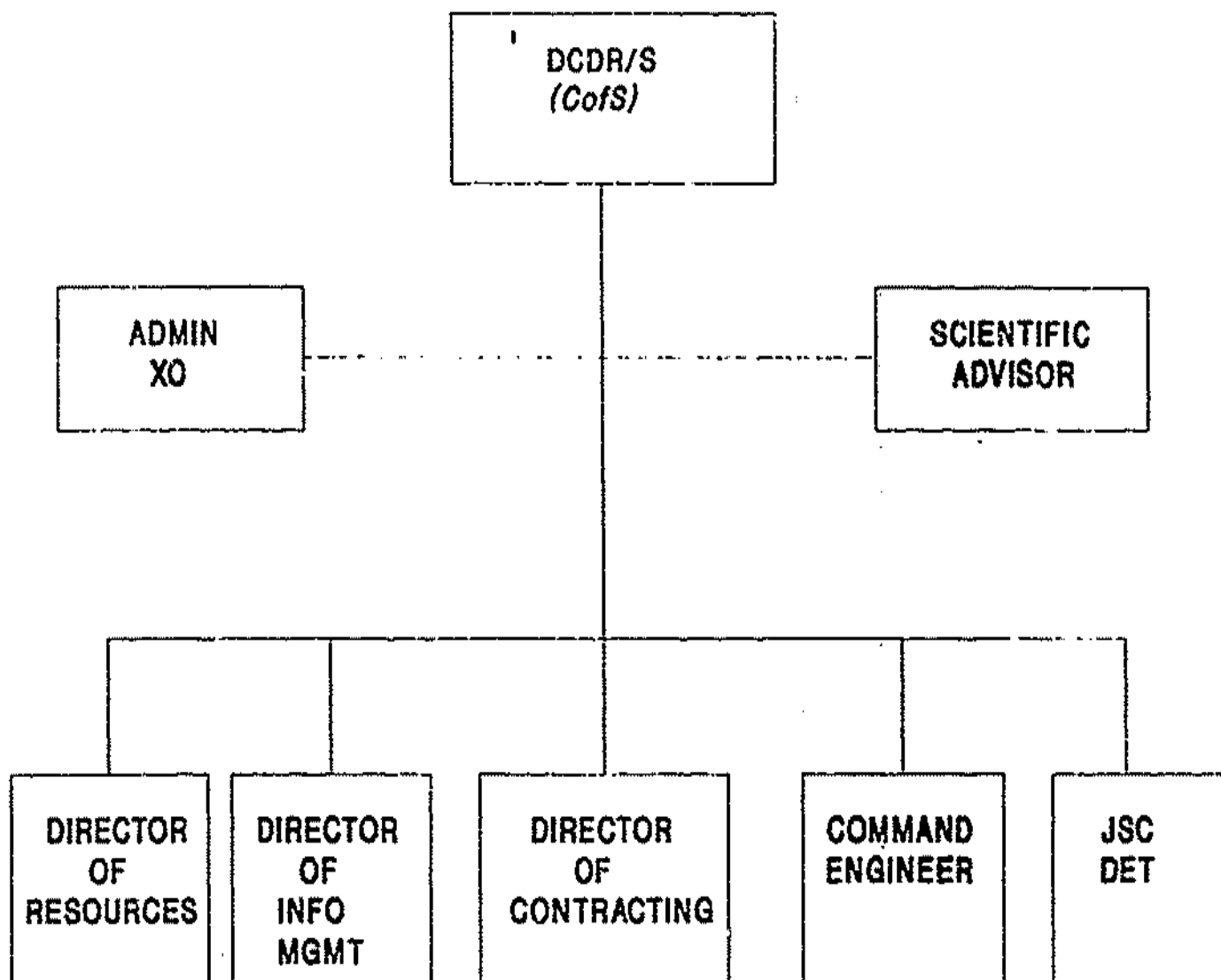


Figure 3

### Chapter 3. Deputy Commander for Support (DCS)

Deputy Commander for Support (DCS) is responsible for all functions which support the command as a whole. As such, the DCS provides personnel, logistics, resource management, force development, acquisition, engineering, information management, and administrative support required to execute and manage the Commander's objectives, plans and missions. The DCS also provides staff oversight of the Johnson Space Center Detachment. The DCS structure is shown in Figure 3.

**Section 1. Administrative Executive Officer.** The Executive Officer is responsible for the internal office management of the COMARSPACE. The XO functions as the Adjutant for the headquarters, maintains suspense control of actions requiring the personal attention of COMARSPACE, functions as Staff Protocol Officer and as Public Affairs Coordinator.

**Section 2. Scientific Advisor.** The Scientific Advisor (SA) serves as the command's chief scientist and principal advisor on all technical issues and is the senior civilian of the command. The SA participates in the command decision process and maintains a working knowledge of how command decisions are shaped by technical issues and how these decisions influence subsequent technical objectives. The SA represents the command in technical/scientific discussions and decisions with Army, DoD, National, and International scientific and technical organizations. The SA initiates and provides technical supervision of plans and programs to achieve specific technical goals in support of the commander's objectives, plans, and missions. As senior civilian, the SA provides a command-wide perspective and knowledge of the concerns, needs, and abilities of the civilian personnel of the command as well as the needs of the command with regard to civilian personnel.

**Section 3. Director of Contracting.** The Director of Contracting is responsible for planning, managing and executing a comprehensive acquisition and property management program that meets the needs of the command and serviced activities.

a. **Contracting:** Serves as senior advisor to the commander and other officials on all aspects of contracting. Participates in operational planning to advise on contracting implications or proposed management decisions and to recommend alternatives based on contracting considerations. Develops an annual Advanced Acquisition Plan. Provides authoritative interpretations on behalf of the commander on specific policy and procedural regulations, directives, guidance from higher headquarters, contractual actions, etc. Contracting officer positions are presented based on

information provided by key personnel involved in the acquisition, including Staff Judge Advocate. Prepares solicitation documents taking into consideration acquisition method, complexity of project, contract type, and funding available. Analyzes the requirement/project and recommends alternative approaches or revisions to the statement of work or specifications as necessary to accomplish intended goal. Coordinates reviews required by regulation and/or necessary due to dollar value and complexity of acquisition. Serves as focal point during source selection/proposal evaluation. Serves as negotiator, planning negotiation strategy and establishing negotiation team. Awards contracts within delegated Contracting Officer authority. Performs contract administration from award, contract surveillance, cost and price analysis, property management, incremental funding, issuance of modifications/change order and delivery orders, disputes/claims/protests resolution, terminations and settlements, progress payments, progress reviews and required contract reporting.

b. Property Management: Scope of responsibilities include property at this headquarters, sites worldwide and in the possession of contractors provided as government furnished equipment (GFE) under specific contractual vehicles. Responsibility for GFE is delegated by cognizant Contracting Officer and includes: accountability and surveillance of property provided the contractor; review of contractor's property control system to ensure compliance with terms and conditions of the contract; physical inventory discrepancy resolution; disposition determination; surveillance of care, maintenance and use of GFE; and, reports incident to GFE. The property book officer is responsible for: assuring adequate documentation exists on the property book for all property requested and on-hand in accordance with established TDA/MTDAs; initiating action to justify a request for authorization of HQDA controlled items and/or equipment to be purchased which exceed the capital investment criteria; accountability of all non-expendable, accountable equipment, supplies and material authorized, required, issued and/or on hand-receipt in activities supported; planning for short and long-range systematic replacement and updating of equipment, material and supplies to include budgetary input; and, serving as technical advisor to the commander regarding requisitioning, issue, utilization and accountability of headquarters property.

Section 4. Command Engineer. The Command Engineer serves as a technical authority and principle staff advisor to the commander on complex engineering matters, and, as such, is charged with actions involving terrestrial facility requirements identification, space utilization, master

# DIRECTOR OF RESOURCES (DOR)

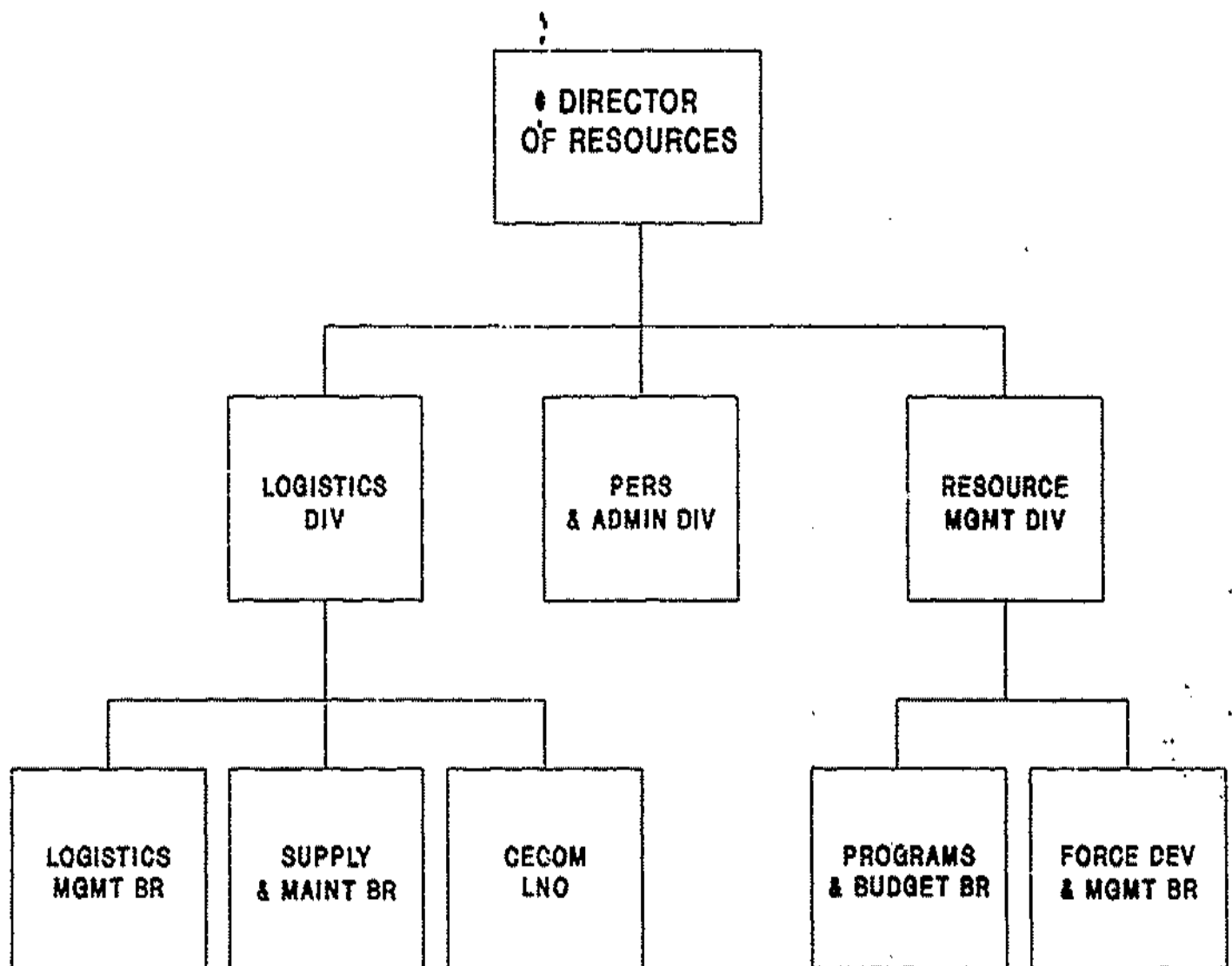


Figure 4

planning, construction programming, design review, construction scheduling, real estate leasing and acquisition, contingency planning, space system interfaces and support requirements, and automated applications which support budgetary programming, design, construction, and maintenance/repair activities for the command.

a. Serves as the principal staff advisor in the promulgation of Army policy and procedures pertaining to Real Property Maintenance Activity (RPMA) planning and programming.

b. Initiates engineering priorities in the development of Army policy and procedures for operational space support facilities planning worldwide. Establishes policies for USARSPACE construction requirements with HQDA and USSPACECOM.

c. Operates as facilities engineer with responsibility for compliance with environment regulations; energy conservation goals; RPMA work classification standards and schedules; fire marshall responsibilities; construction validation, design, budgeting, and management requirements; and the review of construction designs submitted by other agencies.

Section 5. Director of Resources (DOR). The Director of Resources is responsible to the DCS for personnel, logistics, administration, programming and budgeting, and force development. The DOR develops programs, budgets, logistical support plans, personnel management procedures, force development plans and execution of same and conducts day-to-day administrative support to the command. To execute assigned tasks, the DOR is organized as shown in Figure 4.

a. Resource Management Division. The Chief, Resource Management Division, is responsible for the programming, budgeting, allocation of funds, financial management of the command, planning for long-range personnel requirements, force integration, and force management. To accomplish these tasks, the division is organized with two branches charged with the following functions:

(1) Programs/Budgeting Branch:

(a) Oversees and administers all aspects of appropriated fund financial management. As the principal advisor to the Commander on resource allocation and policy, develops procedures and directives to reflect the command's objectives and goals relating to resource management.

(b) Develops and coordinates all program and budget submissions. Plans and participates in the

establishment and monitoring of the command's long range planning and program development which includes:

- Command Operating Budget
- 6-year Program Objective Memorandum (POM)
- 6-year USCINCSpace Integrated Priority List (IPL)
- CJCS Initiative Fund Requests- Non-Centrally Managed Item (formerly BCE) Requests- Obligation Plans

(c) Establishes and maintains internal controls and audit trails on all appropriated funds received by the command:

- Accepts, properly records and oversees use of reimbursable orders, direct fund cites, letters of authority, etc.

- Validates and ensures proper recording of Fund Authorization Documents (FADs) and obligation documents.

- Maintains informal commitment ledgers to reflect current status of all funds received.

(d) Develops and establishes command policy and directives for fund utilization. Reviews, interprets, and disseminates higher headquarters and applicable directives affecting financial management.

(e) Monitors Current Year (CY) and Prior Year (PY) fund utilization and status:

- Provides routine status of funds and recommends necessary reprogramming actions to ensure balanced programs.

- Performs tri-annual financial unliquidated reviews to validate CY and PY obligations.

- Maintains accurate and properly recorded document status through liquidation.

(f) Develops and presents program/budget briefings to portray the command's programs and defend requirements internally and externally. Coordinates financial requirements with other MACOMs, agencies, and installations to ensure proper interface and support from external sources to meet mission requirements.

- Schedules, prepares and coordinates actions for PBAC review and approval (proponent for the PBAC and WPBAC).

- Coordinates as appropriate with HQDA staff (DAMO-SWX). Arranges representation and provides input to the OA22 PBAC.

(2). Force Development and Management Branch. The Chief, Force Development Branch, is responsible for force integration plans and execution of programs which include force modernization (Army Modernization Memorandum), The Army Authorization Documentation System (TAADS), Total Army Analysis (TAA), Unit Identification Code (UIC) control, Army study program, manpower guidance, organizational concept plans, and combat developments actions.

(a) Develops, evaluates, staffs, and submits force structure issues having manpower impact through the current, budget, and five program years. Provides manpower impact and recommends reprogramming of authorizations based on changes in unit/mission priorities.

(b) Develops, staffs, manages, and defends USARSPACE input into the Total Army Analysis (TAA) program. Develops organizational concept plans and resource impacts and coordinates with the proponent schools to establish organizational and manning requirements in long-range planning and programming documents.

(c) Develops, coordinates, and reviews future combat development actions having a manpower and/or equipment impact upon USARSPACE organizations. Provides Basis of Issue Plan (BOIP) feeder data and works with proponent school to develop generic TOE requirements.

(d) Supports the Army's Concept-Based Requirements System (CBRS) processes. Oversees and participates in the development of space-based solutions to Battlefield Functional Management Areas (BFMA) capability package requirements supporting identified Battlefield Development Plan (BDP) deficiencies.

(e) Participates in the development the CINCSpace Integrated Priority List (IPL) and ensures incorporation of Army space-oriented items into the BDP and associated follow-on actions.

(f) Insures documentation in TDA/MTOE of all approved and/or directed actions impacting upon USARSPACE organizations, manpower and equipment.

(g) Develops and publishes the USARSPACE Organization, Mission and Functions Manual (O&FM).

(h) Reviews equipment change recommendations; initiates actions; and insures compliance with equipment policies in AR 71-13. Manages the command equipment survey program under the provisions of AR 570-7.

(i) Manages the Unit Identification Code Information Officer (UICIO) portion of SORTS. Publishes appropriate permanent orders based on changes affecting unit status.

(j) Develops, staffs, and submits the USARSPACE mobilization Table of Distribution and Allowances (MOBTDA) for inclusion in MOBTAADS.

b. Personnel and Administration Division. The Chief, Personnel and Administration Division, exercises staff responsibility for military and civilian personnel administration and administrative support to the USARSPACE staff.

(1) Monitors, evaluates and administers the Officer Personnel Management System (OPMS) and the Enlisted Personnel Management Systems (EPMS). Coordinates Officer Distribution Plan (ODP) allocations and assignments. Prepares and submits requisitions for officer and enlisted personnel. Monitors fill actions by PERSCOM.

(2) Acts as the Army manager for additional skill identifier 3Y for officer positions requiring skills and knowledges relating to space systems.

(3) Manages the command reenlistment program, coordinates necessary RETAIN access and associated processing for reenlistment of enlisted personnel.

(4) Ensures resolution of complaints; coordinates with Commander/Management-Employee Relations representative for civilians and Commander/Inspector General for military personnel.

(5) Develops the civilian personnel management program for the Command. Ensures proper training for future advancement of civilian employees.

(6) Ensures staffing of positions. Keeps strength or recruitment actions IAW authorized civilian ceiling.

(7) Monitors position management/classification



actions. Ensures classification actions are IAW classification standard guidelines. Monitors assignment of civilian personnel ensuring proper utilization.

(8) Provides administrative support to the Command. Manages mail and distribution, reproduction and forms management/records management for the Command.

(9) Monitors suspenses received from outside the command and internal suspenses as directed.

(10) Integrates Active Component (AC)/Reserve Component (RC) activities. Monitors personnel requests for use of RC personnel to supplement the AC during exercises and/or special projects.

(11) Manages the Individual Mobilization Augmentee (IMA) program. Coordinates active duty for training (ADT), in-processes IMA personnel and ensures efficiency reports are rendered in a timely fashion.

(12) Coordinates RC educational needs with ARPERCEN based on needs of individual IMA for career progression.

c. Logistics Division. The Chief, Logistics Division, provides supervision of functions supporting the logistics readiness of the command. Responsible for maintenance, supply, accountability, and coordinated logistics support for current and future missions and projects. Responsible for preparation and supervision of multimillion dollar O&M contracts and transportation of supplies and equipment in support of the DOCS programs. Coordinates host-tenant memorandums of agreement/understanding, intra-service support agreements, and other support agreements for 15 activities at various locations throughout the world to provide troop support (i.e., billeting, food service, etc.), maintenance, supply support, and funding responsibilities. Responsible for implementation and supervision of the command supply discipline program. Oversees the development of logistics programs for new space systems such as Anti-Satellite (ASAT) and Ballistic Missile Defense (BMD).

(1) Logistics Management Branch.

(a) Establishes command logistics management programs for fielding of new equipment systems, redistribution of assets, and equipment turn-in policies/procedures.

(b) Provides wholesale/retail interface in coordinating logistics support to equipment users.

(c) Maintains expendable supplies inventory and document register.

(d) Manages Command Logistics Review (CLR) program. Prepares, staffs, and submits requests to HQDA DCSLOG for approval exceptions to Army Maintenance requirements on float policies, direct exchange of equipment, and other unique requirements.

(e) Acts as contracting officer representative on contracts for operations or other logistic services, excluding purely supply or maintenance contracts.

(f) Provides logistics support for HQ equipment. Maintains warranty information on HQ equipment.

(g) Establishes and maintains a preferred items list for command unique equipment/test, measurement and diagnostic equipment (TMDE).

(h) Develops and coordinates long-range logistical planning. Analyzes trends and recommends changes to resources based upon future needs.

(i) Participates in special studies and projects to insure the logistical support base is reflected.

(j) Represents USARSPACE interests at in-process reviews (IPR), logistical support analysis reviews (LSAR), Integrated Logistics Support (ILS) management team meetings, and other meetings/conferences.

(k) Participates in new materiel introductory briefings and serves as part of the materiel developer's fielding team.

(l) Participates in the development of training materials, technical documentation, LSA/LSAR, provisioning data, logistics support concepts, and system MANPRINT considerations for fielding new systems and systems upgrades.

## (2) Supply and Maintenance Branch.

(a) Establishes command supply and maintenance policies and procedures.

(b) Develops maintenance and reporting systems and procedures.

(c) Establishes, monitors, and controls levels

of repair parts and supplies within subordinate USARSPACE elements.

(d) Manages Non-Tactical Vehicle control program, and coordinates ceiling changes.

(e) Insures compliance with Army maintenance programs and reports systems.

(f) Supervises the distribution of USARSPACE assets to maintain visibility and accountability.

(g) Acts as Contracting Officer Representative on USARSPACE contracts for supply and/or maintenance services.

(h) Evaluates equipment readiness status and initiates remedial actions to correct deficiencies impacting on operations of the command.

(i) Performs on-site assistance visits and conducts training on command-unique supply and maintenance programs.

(j) Maintains warranty information on equipment and provides resource projections for maintenance services or item replacement.

(k) Acts as headquarters point of contact for supply and maintenance problems in USARSPACE O&M elements.

(l) Initiates purchase requests for repair parts stockage, resupply of commercial items, and approved equipment purchases.

(m) Provides disposition for the removal or turn-in of obsolete or non-repairable equipment.

(n) Develops, reviews and coordinates memorandums of agreement/understanding (MOA/MOU), and intraservice support agreements (ISA).

(o) Establishes and manages communications security (COMSEC) logistics support program for USARSPACE.

(p) Evaluates requirements for cross-leveling supplies and equipment to meet priority operational needs.

Section 6. Director of Information Management. The Director, Information Management, functions as both staff advisor to the commander for Information Mission Area (IMA)

functions and as the staff office charged with planning, engineering, and management of IMA resources. Specific responsibilities include:

a. Serves as information systems management advisor and technical consultant to COMARSPACE, HQ USARSPACE, and subordinate units.

b. Evaluates and verifies technical requirements to ensure the capabilities/functions requested comply with USARSPACE policies and procedures.

c. Identifies requirements and implements plans for the management of information systems resources during the systems' life cycle.

d. Develops, prepares, and submits the command's Information Mission Area (IMA) plans to higher headquarters.

e. Analyzes directives and regulations to determine the effect on IMA operations. Develops command policies and/or supplements to existing regulations.

f. Assists in conducting management studies and cost comparisons to ensure quality control for contracted services and equipment. Serves as Contracting Office Representative, as required.

g. Functions as Program Director in programming and budgeting funds for automation, telecommunications, visual information and automated office equipment.

h. Responsible for IMA objective architecture of USARSPACE and other services/agencies' systems resident in or attached to the headquarters. Includes both administrative and operational systems/networks and security associated with these systems.

i. Represents the command's interest at information system in-process reviews during system/software development and new system(s) design.

# DEPUTY COMMANDER FOR OPERATIONS (DCDR/OPS)

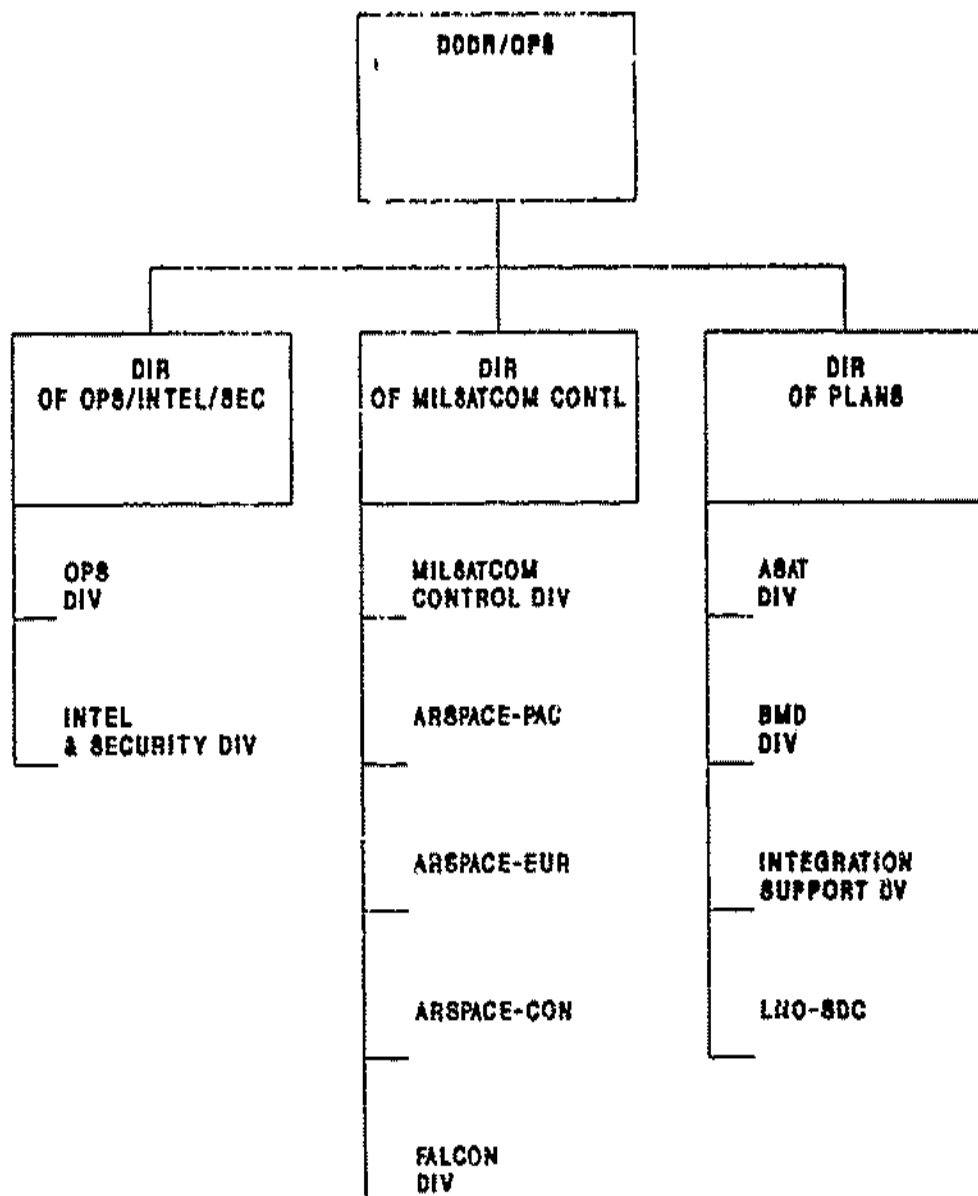


Figure 6

## Chapter 4. Deputy Commander for Operations (DCO)

The Deputy Commander for Operations is responsible for organization, training and operation of assigned forces. The DCO operates the Army Space Operations Center (ARSPOC), operates and maintains Defense Satellite Communications System Operations Centers (DSCSOCs), coordinates space systems support for ground forces, and provides command intelligence and security oversight. The DCO develops and implements strategic and tactical space concepts for operations and plans. To accomplish his assigned tasks, the DCO is organized as shown in Figure 5.

Section 1. Director of Operations, Intelligence and Security (DCOI). The Director for Operations, Intelligence and Security exercises primary staff supervision of the general operational, intelligence, counterintelligence/special security and security functions of the command. To accomplish the assigned tasks, the Directorate is organized into two Divisions as shown in Figure 6.

a. Operations Division: Exercises primary staff supervision and manages the general operational support functions of the command to include the Army Space Operations Center (ARSPOC) and the Army Space Demonstration Program, exercise coordination and general command training management. Develops budget requirements for Operations Division programs and monitors the use of funds.

### (1) Operations Branch:

(a) Army Space Demonstration Program:  
Provides Army tactical units with demonstration of current space capabilities that can support Army tactical operations to include multi-spectral imagery (MSI), global position system and navigation (POSNAV), tracking/command and control, weather, and tactical video teleconferencing.

(b) Coordinates USARSPACE participation in JCS, USSPACECOM, and HQDA directed command post exercises.

- Serves as the Command Exercise Director.

- Represents COMARSPACE at exercise briefings, meetings, and conferences.

(2) Training Branch: Manages, coordinates and directs all general military training requirements for the Command.

# DIRECTOR OF OPERATIONS, INTEL & SCTY

( DIR OPS/INTEL/SEC)

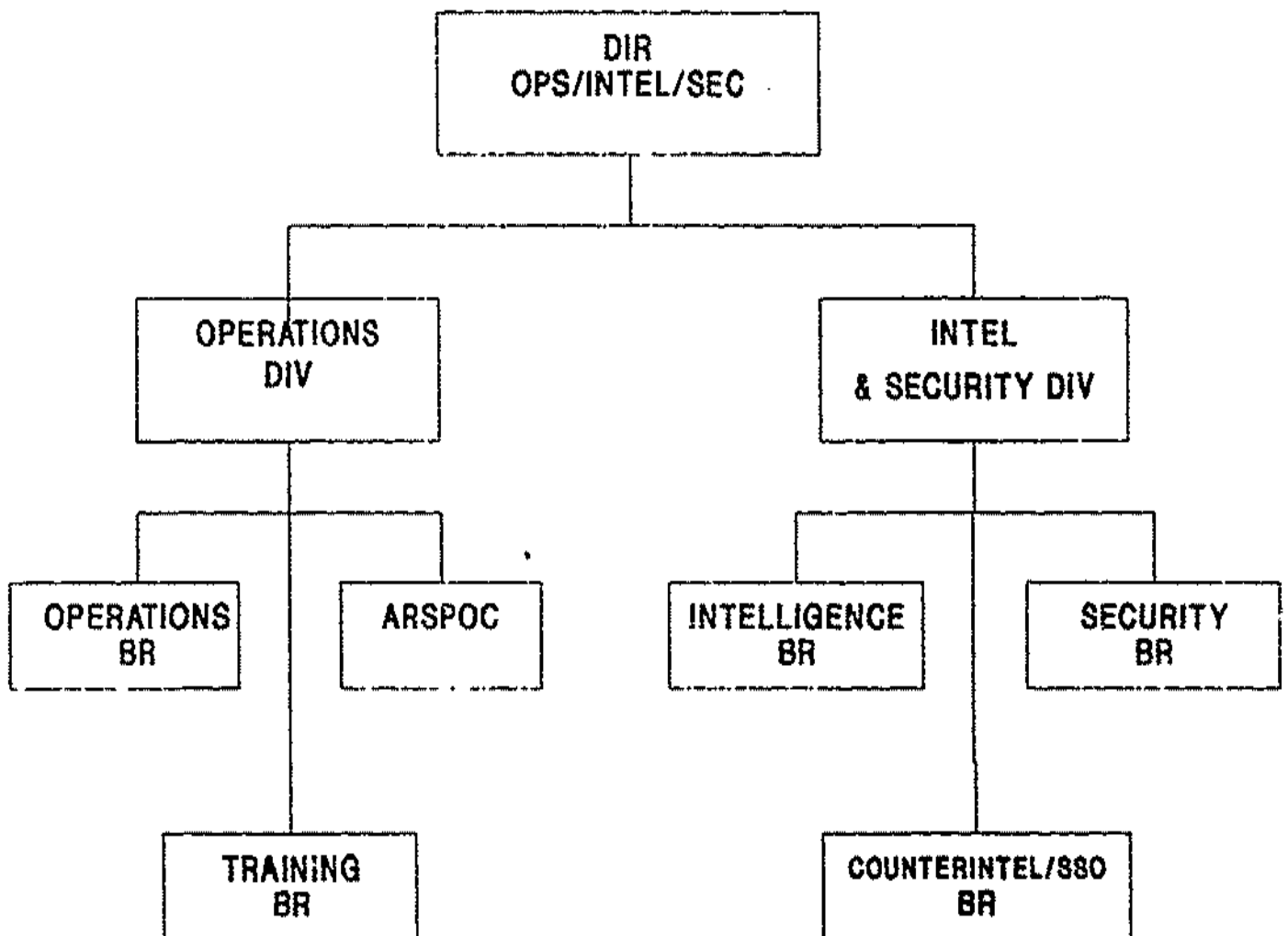


Figure 8

(a) Identifies command-wide training requirements, develops and executes training programs, obtains training quotas and develops training budget requirements.

(b) Plans and conducts training inspections, tests, and evaluations. Compiles and maintains command readiness data and training records.

(c) Coordinates, obtains and maintains command readiness data.

(3) Army Space Operations Center (ARSPOC): Provides supervision of the Operations Center which supports the Command with:

(a) A 24-hour Operations Center to execute USARSPACE command and control functions.

(b) USARSPACE Crisis Management Center.

(c) USARSPACE telecommunications center providing AUTODIN, AUTOVON, secure voice, SCI secure AUTODIN/voice, AWIS, USSPACCOM red switch, USSPACECOM J2 LAN, SSC and HELSTF point-to-point and TCCC access and connectivity.

(d) Facilities for sensitive compartmented information (SCI) operations.

b. Intelligence and Security Division: Exercises primary staff supervision and manages the intelligence, counterintelligence, security education, information security, personnel security, industrial security and physical security programs for USARSPACE. The Intelligence and Security Division is composed of three branches:

(1) Intelligence Branch:

(a) Plans, directs, and manages the implementation of all DoD, DA and USSPACECOM directed intelligence programs for COMARSPACE, as required.

(b) Provides staff assistance, coordination and advice on intelligence matters as they pertain to the Command's separate functional and mission areas. Includes support to the HQ USARSPACE Crisis Action Team (CAT) when activated.

(c) Develops and establishes intelligence production requirements to support USARSPACE mission



requirements; coordinates the production of required intelligence products and threat and vulnerability studies.

(d) Serves as the command's representative and interface with USSPACECOM, HQDA and DoD intelligence agencies and organizations.

(e) Prepares budget data for intelligence, counterintelligence and security functional areas.

(f) Provides COMARSPACE access and knowledge concerning US Army, DoD and national TENCAP and national intelligence communities space activities.

(g) Develops and provides recommendations to COMARSPACE on TENCAP and Army intelligence community space support to the tactical soldier.

(2) Counterintelligence/Special Security Branch:

(a) Plans, directs, and manages implementation of all DoD, DA, and USSPACECOM counterintelligence programs for COMARSPACE.

(b) Provides staff counterintelligence, force protection intelligence and counterforce intelligence support and recommendations to HQ USARSPACE and subordinate elements.

(c) Determines requirements for counterintelligence support; requests and coordinates counterintelligence services support and inspections.

(d) Coordinates the assessment and analysis of vulnerabilities to information systems, facilities, and personnel based on the known hostile intelligence threat, known security profile and available terrorism information. Helps develop recommended countermeasures and initiatives to reduce or negate the threat. Provides warnings and advisories to USARSPACE staff and to subordinate units.

(e) Develops and presents briefings for supported personnel scheduled for TDY overseas regarding foreign intelligence methods and terrorism activities.

(f) Serves as the command's representative and interface with local, state and national counterintelligence agencies. Coordinates and identifies counterintelligence requirements and requests support from these counterintelligence activities.

(g) Establishes and manages the Sensitive

# DIRECTOR OF MILITARY SATELLITE COMM CNTL (DIR/MILSATCOM CNTL)

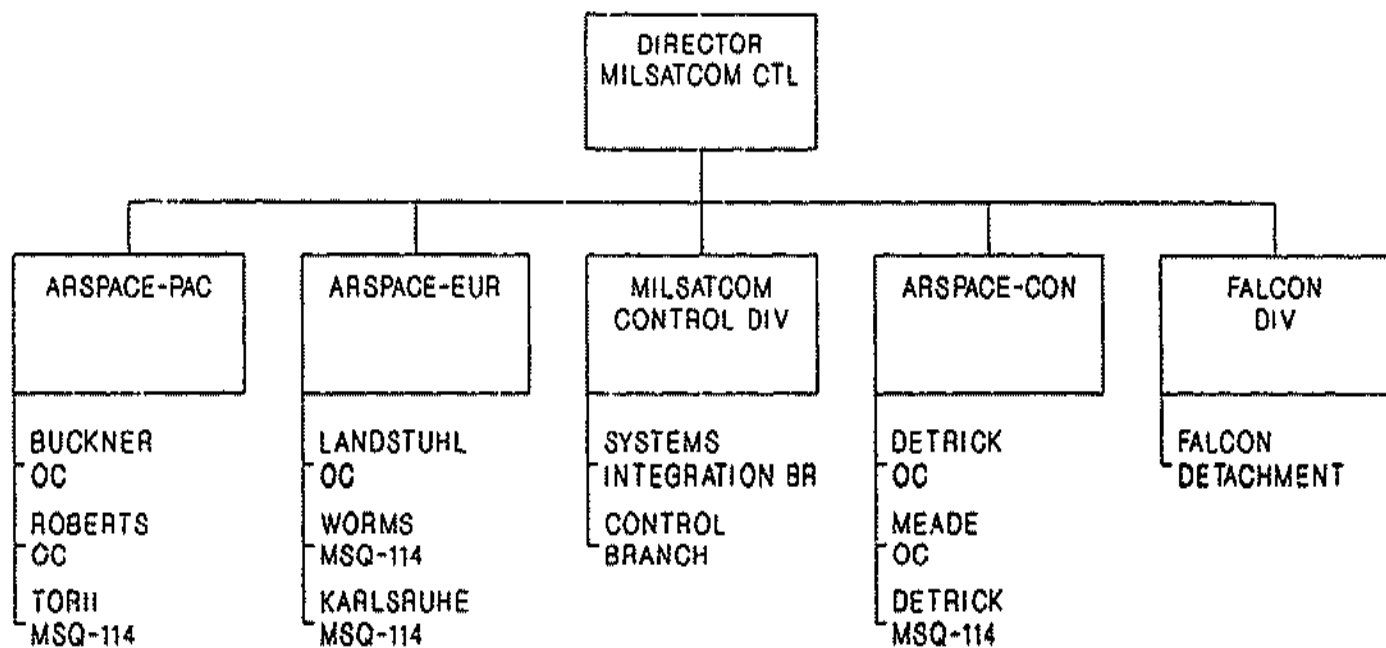


Figure 7

Compartmented Information (SCI) program for COMARSPACE and provides Special Security Office (SSO) support to COMARSPACE and HQ USARSPACE.

(3) Security Branch:

(a) Plans, directs, and implements DoD, DA, USSPACECOM and USARSPACE traditional security programs pertinent to the command's mission and functional programs.

(b) Establishes policies and procedures for command-wide implementation of the USARSPACE Personnel, Information, Industrial and Physical Security Programs. Monitors compliance with directives.

(c) Implements and manages the Command Security Education Program, encompassing all functional areas. Establishes security education policies and procedures.

(d) Conducts or coordinates personnel and information security and counterintelligence inspections.

(e) Provides support to Special Access Programs (SAP) as required by AR 380-381.

(f) Provides staff support and assistance to HQ USARSPACE and major subordinate elements in the COMSEC functional area.

(g) Develops command TEMPEST policies and implements and monitors DoD and DA programs within USARSPACE.

(h) Conducts continuous liaison with DoD, HQDA, MACOMs, and other Army activities in systems security matters.

Section 2. Director of Military Satellite Communications (MILSATCOM) Control (DCOM) (Figure 7). The Director of Military Satellite Communications (MILSATCOM) Control exercises primary staff supervision and operational control of USARSPACE regional activities, U.S. Army portion of the Defense Satellite Communications System Operations Control Systems (DOCS) at fixed, mobile and contingency locations, and manages joint tactical use of Ground Mobile Forces Satellite Communications (GMFSC) on the Defense Satellite Communications System (DSCS).

a. MILSATCOM Control Division. To accomplish its assigned mission, the MILSATCOM Control Division is organized

into two branches:

(1) Systems Integration Branch. The Systems Integration Branch conducts and leads all US Army space efforts in the development of follow-on DSCS control systems, exercise plans, briefings, studies, and visits and represents COMARSPACE and the Army at meetings involving DSCS control plans and policies to include:

(a) Plans for all future US Army space efforts for military and commercial satellite communications systems.

(b) Conducts and leads Army space efforts in the development and planning of DSCS system upgrades and the follow-on to the DSCS with emphasis on the control system.

(c) Conducts and leads Army space efforts in the review of JCS and CINC exercise plans, OPLANS, and contingency plans for GMFSC requirements.

(d) Represents COMARSPACE at high-level planning meetings, symposiums, conferences, lectures, panels, committees and working groups involving satellite communications plans and policies.

(2) Control Branch. The Control Branch provides staff assistance and advises HQ USARSPACE staff officers and subordinate elements on all matters for SATCOM operations, to include:

(a) Assessment of O&M acceptance.

(b) Initiate and monitor efforts being developed for existing and new systems.

(c) Oversee facility mission performance.

(d) Prepares budget data for DSCS control functional areas.

(e) Creates and maintains a SATCOM control data base to support USARSPACE SATCOM control mission requirements and other command requirements.

(f) Conducts continuous liaison activities with supported CINCs, JCS, HQDA, DCA, and ISC in SATCOM control related activities. Attends conferences, seminars, working groups and meetings to stay abreast of technological advancements and impending policy changes.

b. U.S. Army Space Command - Pacific (ARSPACE-PAC).

## Military Uses of Space: 1946-1991

### Published by:

Chadwyck-Healey Inc., 1101 King Street, Alexandria, Virginia 22314

Military Uses of Space: 1946-1991 provides a detailed record of the strategic importance of the U.S. military space program from the conceptualization of the uses of space to the present realization of advanced capabilities. Materials were identified, obtained, assembled, and indexed by the National Security Archive, a non-profit, Washington, D.C. based research institute and library. The microfiche collection is accompanied by Military Uses of Space: 1946-1991 Guide and Index.

### Arrangement of Information on the Microfiche:

The documents are arranged in chronological order. A unique identification number is assigned to each document. Each new document begins a new line on the microfiche.

### Document Quality:

The quality of the original material varies. In the case of each document, Chadwyck-Healey Inc. has filmed the best copy made available by the National Security Archive.

### Microfiche Numbering:

The unique identification numbers assigned to the documents are listed in the top right hand corner of the microfiche title strip.

### Technical Data:

Producing Laboratory: Chadwyck-Healey Inc.

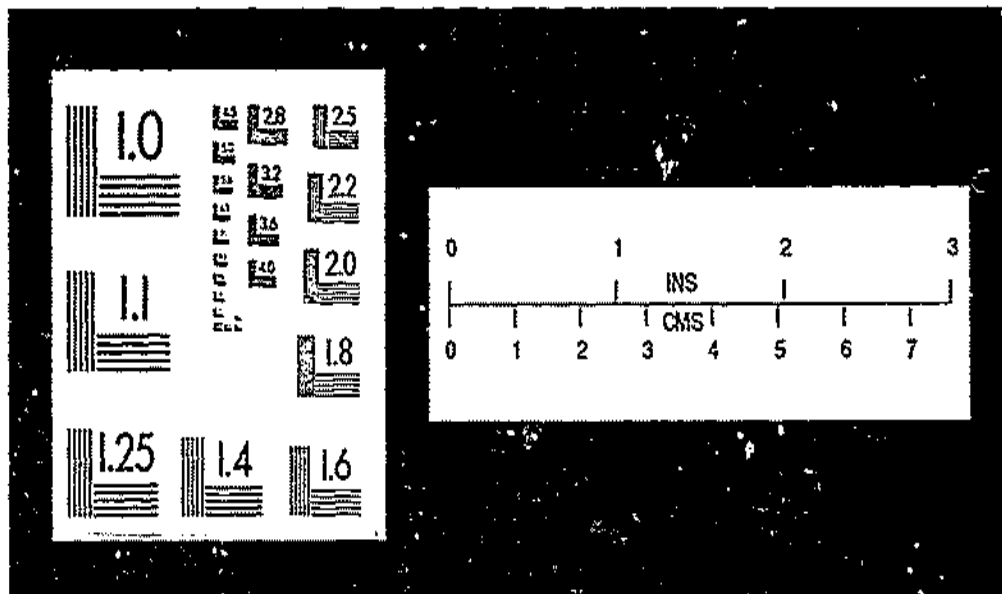
Date of Publication of Microfiche Edition: 1991

Format: 49 frame, 105mm x 148mm silver halide microfiche, 24x nominal reduction

The arrangement of the pages on microfiche is the property of Chadwyck-Healey Inc. Paper copies of the arrangement of pages on microfiche may be made without the written permission of Chadwyck-Healey Inc. for internal and reference use only and not for resale.

### Distribution Outside the USA:

Chadwyck-Healey Ltd., Cambridge Place, Cambridge CB2 1NR, England



## **Document Quality:**

Through the use of the Freedom of Information Act and an extensive network of government, media, and academic contacts, the National Security Archive has developed this varied collection of primary materials. Just as the type of materials included varies, so does the quality of each document.

The National Security Archive has made every effort to provide Chadwyck-Healey Inc. with the best quality, most complete copy available of each document. Chadwyck-Healey Inc. has faithfully reproduced on microfiche exactly what was provided by the National Security Archive.

Many of the documents included in this publication were previously classified by the U.S. Government and even when declassified, sections or pages may be obliterated by the government due to the potentially sensitive information contained in them.

The variety of material reproduced in this publication includes photocopies or poor carbon copies of cables, memoranda, intelligence reports, briefing papers, Congressional reports, official letters, and press reports. This variety can present difficulties of image and contrast which the most careful filming and processing cannot entirely overcome.

This is a rich and varied source of primary documents made available for research and all microfiche have been produced to the highest quality and conform to AIIIM, BSI and ANSI standards.

# DIRECTOR OF PLANS (DIR/PLANS)

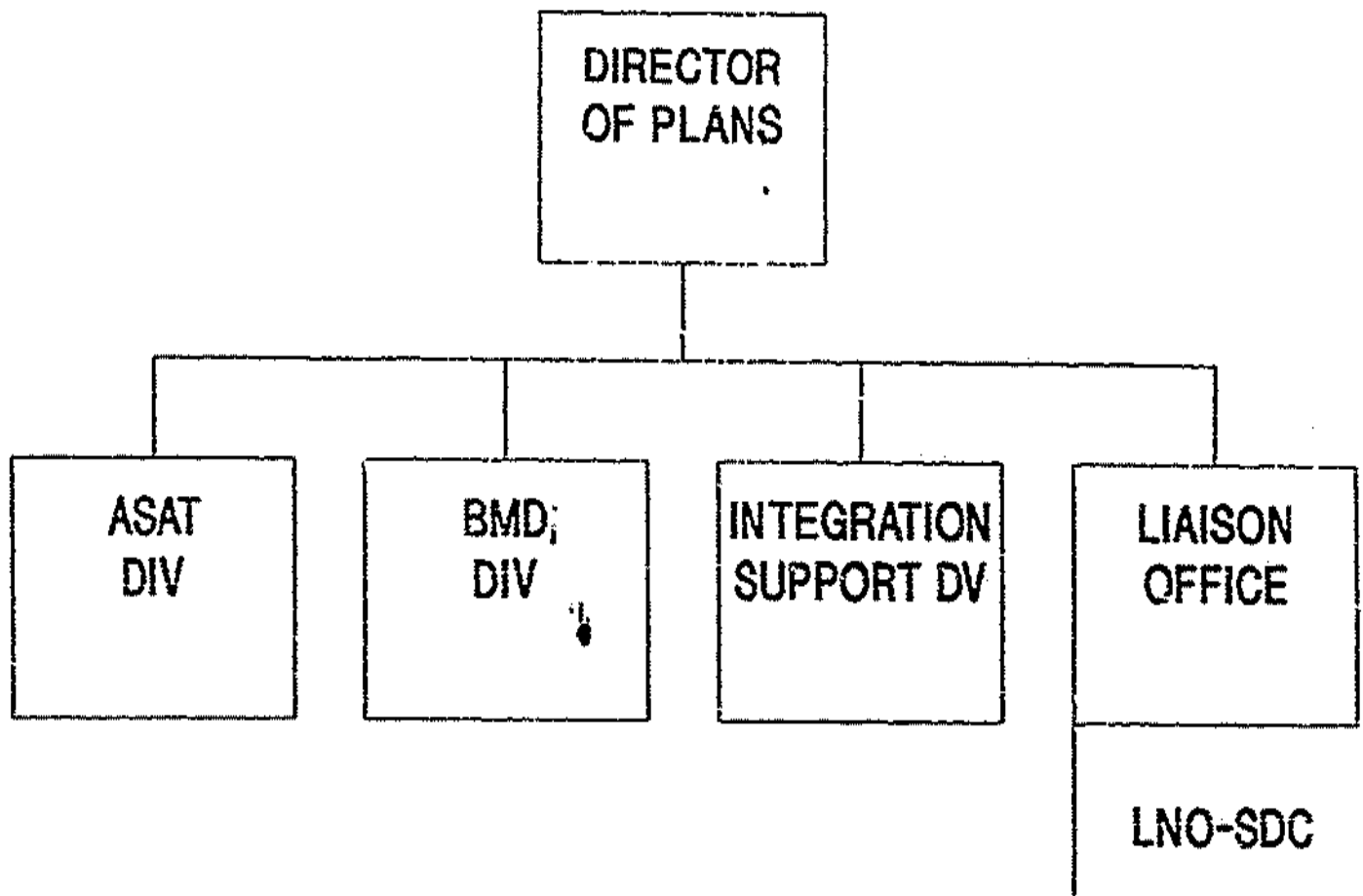


Figure 8

- c. U.S. Army Space Command - Europe (ARSPACE-EUR).
- d. U.S. Army Space Command - CONUS (ARSPACE-CON).
- e. Falcon Division - Provides staff supervision to Falcon Detachment.

Section 3. Director of Plans (DCOP). The Director of Plans is responsible for providing operational Army input to ballistic missile defense (BMD) systems planning; planning, developing and coordinating the Army anti-satellite (ASAT) program in conjunction with the ASAT Joint Program Office; managing Army resources in support of USCINCSpace space surveillance mission; identifying, planning, developing and coordinating space contributions to theater missile defense (TMD) and to the tactical Army; ensuring that space capabilities are addressed in JCS and Army policy, strategy, doctrine and operational concepts documents; and planning and executing configuration control over ADP and communications interfaces with the Integrated Tactical Warning and Attack Assessment (ITWAA) systems with USSPACECOM. To accomplish this the Plans Directorate is organized, as shown in Figure 8, into three divisions and a liaison officer element which is attached to Strategic Defense Command (SDC) to represent COMARSPACE in the acquisition community.

a. Ballistic Missile Defense (BMD) Division.

- (1) Develops Concepts of Operations (CONOPS), policies and procedures in support of the BMD program.
- (2) Identifies and validates user requirements in coordination with USCINCSpace and TRADOC.
- (3) Participates in numerous working groups to identify and resolve operational issues during the acquisition process.
- (4) Chairs and manages operational site selection process for deployment of BMD system.
- (5) Develops a command and control (C2) architecture which supports the national objectives in the employment of a BMD system.
- (6) Evaluates and coordinates with developmental agencies RDT&E capabilities for possible contingency operations.
- (7) Prepares and designs requirements for on-going C2 simulations and C2 experiments used in evaluation of space



concepts that further the development of operational plans, architecture, policies and procedures.

(8) Participates in the COEA development and process.

(9) Develops operational/mission needs for incorporation in the operational requirements document (ORD).

b. Anti-Satellite (ASAT) Division.

(1) Develops Concepts of Operations (CONOPS), policies and procedures in support of the Army ASAT program.

(2) Identifies and validates user requirements in coordination with USCINCSpace and TRADOC/USAADASCH.

(3) Participates in numerous working groups to identify and resolve operational issues during the acquisition process.

(4) Chairs and manages operational site selection process for deployment of an ASAT system.

(5) Develops a C2 architecture which supports the national objectives in the employment of an ASAT system.

(6) Evaluates and coordinates with developmental agencies RDT&E capabilities for possible contingency operations.

(7) Prepares and designs requirements for on-going C2 simulations and C2 experiments used in evaluation of space concepts that further the development of operational plans, architecture, policies and procedures.

(8) Participates in the COEA development and process.

(9) Develops operational/mission needs for incorporation in the ORD.

c. Integration/Support Division.

(1) Provides assistance/analysis to support on-going programs to include ASAT, BMD, TMD, space surveillance and ITWAA.

(2) Reviews/prepares tactical and strategic plans to support USARSPACE missions to USCINCSpace and other commands as required.

(3) BMD/ASAT program integration includes:

(a) The integration of technical aspects of weapons and other systems to be used by USARSPACE.

(b) Integrating and interfacing with USARSPACE, AFSPACECOM, NAVSPACECOM and USSPACECOM systems.

(c) Technical aspects and engineering of communications and data processing.

(4) ITWAA program integration ensures technical integrity of USSPACECOM/NORAD Integrated Tactical Warning and Attack Assessment System. It does so by ensuring that USARSPACE interfaces have architecture, engineering design, test plan and configuration control in accordance with AFSPACECOM (System Integration Office) standards.

(5) Space Surveillance program:

(a) Ensures provision of Army space surveillance information to USCINCSpace.

(b) Controls agreement with US Army Kwajalein Atoll (USAKA) to provide USSPACECOM space object tracking and imaging information.

(c) Assesses performance of USAKA to ensure USCINCSpace is receiving best available Army space surveillance products.

(d) Obtains and manages USAKA funding.

(6) Coordinates closely with other directorates and commands.

(7) Ensures space capabilities are included in JCS/Army policy, strategy, doctrine and operational concept documents.

## Chapter 5. Glossary of Terms

ACRONYM	TITLE
AC	Active Component
ADPSSO	Automated Data Processing Systems Security Officer
ADT	Active Duty for Training
AMIM	Army Modernization Improvement Memorandum
ARSPOC	Army Space Operations Center
ARSTAF	Army Staff
ASAT	Anti-Satellite
BMD	Ballistic Missile Defense
BOIP	Basis of Issue Plan
CES	Command Equipment Survey
CI	Counterintelligence
CLR	Command Logistics Review
CMT	Crisis Management Team
COMARSPACE	Commander, USARSPACE
COMSEC	Communications Security
CONOPS	Concept(s) of Operations
CSOC	Consolidated Space Operations Center
DCA	Defense Communications Activity
DCF	DSCS Certification Facility
DCS	Defense Communications System
DCSINT	Deputy Chief of Staff for Intelligence HQDA
DCSLOG	Deputy Chief of Staff for Logistics HQDA

DOCS	DSCS Operations Control System
DoD	Department of Defense
DSCS	Defense Satellite Communications System
DSCSOC	DSCS Operations Center
EPMS	Enlisted Personnel Management System
FSP	Facility Security Profile
GBI	Ground Based Interceptor
GBR	Ground Based Radar
GMF	Ground Mobile Forces
GMFSC	Ground Mobile Forces Satellite Control
GPS	Global Positioning System
GSTS	Ground-Launched Surveillance Tracking System
HNS	Host Nation Support
IMA	Individual Mobilization Augmentee
IPR	In-Process Review
ISA	Intraservice Support Agreement
JCS	Joint Chiefs of Staff
LSAR	Logistics Support Analysis Review
MCC	Mission Control Center
MOBTAADS	Mobilization TAADS
MOBTDA	Mobilization TDA
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
NASA	National Aeronautics and Space Administration
O&M	Operations and Maintenance OC Operations Center

ODP	Officer Distribution Plan
OPMS	Officer Personnel Management System
OPSEC	Operations Security
RC	Reserve Component
RSSC	Regional Space Support Center
SA	Scientific Advisor
SAP	Special Access Program
SCI	Sensitive Compartmented Information
SCIF	Sensitive Compartmented Information Facility
SDS	Strategic Defense System
SORTS	Status of Readiness and Training System
SSN	Space Surveillance Network
STS	Space Transportation System
TMDE	Test, Measurement and Diagnostic Equipment
UIC	Unit Identification Code
UICIO	UIC Information Officer
USAKA	US Army Kwajalein Atoll Complex
TAA	Total Army Analysis
TAADS	The Army Authorization Documentation System
TDA	Table of Distribution and Allowances
TDY	Temporary Duty
USARSPACE	US Army Space Command
USCINCSpace	Commander-in-Chief, USSPACECOM
USSPACECOM	United States Space Command